

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, Washington, DC 2023

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	2	of	4
-------	---	----	---

Complete if Known

Application Number	09/781,931
Filing Date	2/12/2001
First Named Inventor	Fincke et al.
Group Art Unit	1754
Examiner Name	J. N. Strickland
Attorney Docket Number	B-026

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
Jas	V	US- 4335080	06/15/82	Davis et al.	
ms	W	US- 4107445	08/15/78	Wolf et al.	
Jas	X	US- 4080194	03/21/78	Fey	
ms	Y	US- 4022872	05/10/47	Carson et al.	
Jas	Z	US- 4164553	08/14/79	Perugini et al.	
ms	AA	US-3954954	05/04/76	Davis et al.	
Jas	BB	US-3914573	10/21/75	Muehlberger	
ms	CC	US-3840750	10/08/74	Davis et al.	
Jas	DD	US-3738824	06/12/73	Davis et al.	
ms	EE	US- 3630718	03/20/69	Newenschwander	
Jas	FF	US- 3429691	02/25/69	McLaughlin	
ms	GG	US- 3211548	10/12/65	Scheller et al	
Jas	HH	US- 3051639	08/28/92	Anderson	
ms	II	US- 5073193	12/17/91	Chaklader et al.	
Jas	JJ	US- 4145403	03/20/79	Fey et al.	
ms	KK	US- 4561883	02/31/85	Mullner et al.	
Jas	LL	US- 5215749	06/01/93	Nicall et al.	
ms	MM	US- 5935293	08/10/99	Detering et al.	
Jas	NN	US- RE37853	09/24/02	Detering et al.	
ms	OO	US- 5851507	12/22/98	Pirzada et al.	

RECEIVED

OCT 30 2002

TC 1700

[illegible]

**Examiner
Signature**

Jonas H. Wicklund

Date Considered

1/7/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, Washington, DC 2023

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	3	of	4
-------	---	----	---

Complete if Known

Application Number	09/781,931
--------------------	------------

Filing Date	2/12/2001
-------------	-----------

First Named Inventor	Fincke et al.
----------------------	---------------

Group Art Unit	1754
----------------	------

Examiner Name	J. N. Strickland
---------------	------------------

Attorney Docket Number	B-026
------------------------	-------

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>MA</i>	PP	US- 5788739	08/04/98	Pirzada et al.	
<i>MA</i>	QQ	US- 5749937	05/12/98	Detering et al.	
<i>MA</i>	RR	US- 6395197	05/28/02	Detering et al.	
<i>MA</i>	SS	US- 6187226	02/13/01	Detering et al.	
<i>MA</i>	TT	US- 3123464	03/03/64	Casey et al.	
<i>MA</i>	UU	US-3992193	11/16/76	Fey et al.	
<i>MA</i>	VV	US-4851262	07/25/89	McFeaters	
<i>MA</i>	WW	US-4146389	03/27/79	Karlovitz	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED

OCT 30 2002

TC 1700

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Jonas N. Stickland

Date
Considered

1/7/12

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
⁴ Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 2023

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

4

of

4

Complete if Known

Application Number	09/781,931
Filing Date	2/12/2001
First Named Inventor	Fincke et al.
Group Art Unit	1754
Examiner Name	J. N. Strickland
Attorney Docket Number	B-026

RECEIVED
OCT 30 2002
TC 1700

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JMS	XX	Down, M. G., "Titanium Production by a Plasma Process". Final Technical Report, Materials Laboratory, Air Force Wright Aeronautical Laboratories (#AD A 121892) May 1982, pp. 1-8.	
JMS	YY	"The INEL Plasma Research Program" Idaho National Engineering Laboratory (BP422E-R0592-1M-T). May 1992	
JMS	ZZ	"Application of Nonequilibrium Gas-Dynamic Techniques to the Plasma Synthesis of Ceramic Powders", McFeaters, John S. and Moore, John J., In a book titled <u>Combustion and Plasma Synthesis of High Temperature Materials</u> , VCH Publications 1990. pp. 431-447	

Examiner
Signature

Jonas N. Strickland

Date
Considered

1/7/02

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.